Name_____Chemistry I: Chemical Equation: **Combustion 1**

Period_____ Date_____

Write and balance equations for the following reactions. Reminder: there are only two possible ways these reactions can go.

1. C_2H_4 & O_2	$C_2H_4 + 3\ O_2 \longrightarrow 2\ CO_2 + 2\ H_2O$
2. C_3H_8 & O_2	
3. C_4H_{10} & limited O_2	$2\ C_4H_{10} + 5\ O_2 \xrightarrow{\text{limited}} 8\ C + 10\ H_2O$
4. C_6H_6 & O_2	
5. $C_6H_{12}O_6$ & O_2	
6. $C_{10}H_{22}$ & limited O_2	
7. C_6H_8 & O_2	
8. C_8H_{18} & O_2	
9. C_8H_{18} & limited O_2	
10. CH_3OH & O_2	
11. C_3H_6 & limited O_2	
12. C_2H_5OH & O_2	
13. C_7H_{16} & limited O_2	
14. CH_4 & O_2	
15. CH_4 & limited O_2	